

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(10) International Publication Number

(43) International Publication Date
5 April 2001 (05.04.2001)

PCT

WO 01/24127 A1

(51) International Patent Classification⁷: G07F 17/24

(21) International Application Number: PCT/CA99/00896

(22) International Filing Date:
27 September 1999 (27.09.1999)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant and

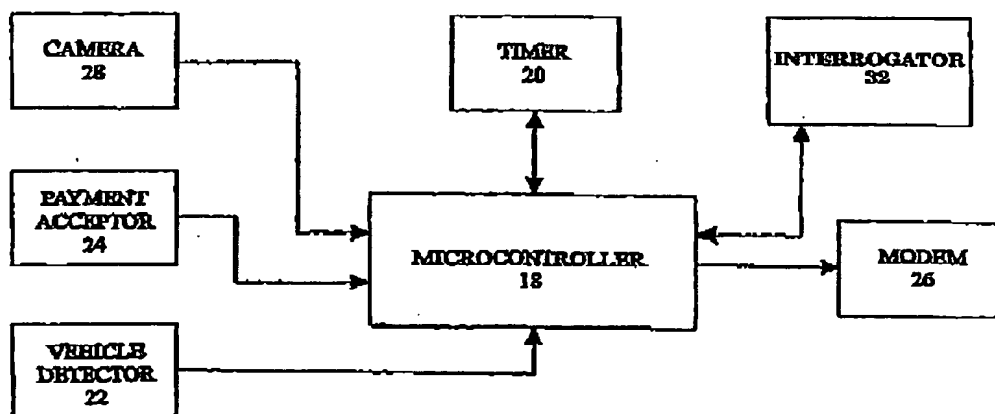
(72) Inventor: MITSCHELE, Frederick, L. [CA/CA]: 3627
West 10th Avenue, Vancouver, British Columbia V6R 2G2
(CA).
CAK(74) Agent: GREEN, Bruce, M.; Oyen Wiggs Green &
Muzala, Suite 480, 601 West Cordova Street, Vancouver,
British Columbia V6B 1G1 (CA).(81) Designated States (national): AE, AL, AM, AT, AU (util-
ity model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN,CR, CU, CZ, CZ (utility model), DE, DE (utility model),
DK, DK (utility model), DM, EE, EE (utility model), ES,
FI, FI (utility model), GB, GD, GE, GH, GM, HR, HU, ID,
IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, SK (utility model), SL, TJ,
TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent
(AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent
(AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU,
MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— With international search report.

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: PARKING METER



(57) Abstract: A parking meter includes a microcontroller and a timer coupled with a microcontroller. A mechanism for accepting payment by coin, credit card or both is coupled with the microcontroller for accepting payment for use of an associated parking space. The microcontroller initiates the timer for a prepaid parking interval upon receiving a signal from the payment acceptance mechanism. A vehicle detector is coupled with the microcontroller for detecting the presence or absence of a vehicle in the associated parking space. The microcontroller initiates an interrogation station to direct an interrogation signal at the associated parking space in the area of the parking space where the license plate of a parked vehicle is located upon determining the existence of a parking violation.

PCT/CA/99/00896

WO 01/24127 A1